

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001756420018-7

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CIA-RDP86-00513R001756420018-7"

TRAKHTENBERG, B.F., kand. tekhn. nauk.

Using new types of machinery steel in electric machines and
power transformers. Vest. elektroprom. 27 no.8:46-53 Ag '56.
(MLRA 10:9)

1. Kuybyshevskiy industrial'nyy institut.
(Electric machinery) (Steel)

SOV/137 59-1-1267

Translation from: Referativnyy zhurnal. Metallurgiya, 1959, Nr 1, p 171 (USSR)

AUTHOR: Trakhtenberg, B. F

TITLE: The Effect of Carbon and Sulfur on the Nature of Changes in Magnetic Properties of Hot-rolled Transformer Steel (Vliyaniye ugleroda i sery na kharakter izmeneniya magnitnykh svoystv goryachekatanoy transformatornoy stali)

PERIODICAL: Sb. nauchn. tr Kuybyshevsk industr in-ta, Mekhanika, 1958, Nr 7, pp 151-158

ABSTRACT: The grain size and principal magnetic properties of a series of hot-rolled transformer steels containing 0.009-0.05% C and 0.05-0.012% S were determined after the steels had been annealed at temperatures ranging from 750 to 1200°C. It was established that the magnetic properties of steels with a high C and S content may be improved only by means of annealing from high temperatures, which ensures intensive collective recrystallization and refining of metal; the steel then possesses sufficiently high magnetic properties to satisfy the standard specifications of power transformer design. Occurrence of decarburization and scale on the steel sheets considerably impairs its magnetic properties

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M Ch

SOV/137-59-1-1268

Translation from: Referativnyy zhurnal. Metallurgiya. 1959. Nr 1. p 171 (USSR).

AUTHORS: Trakhtenberg, B. F., Zykov, G. A.

TITLE: The Effect of Annealing Temperature on the Magnetic Properties of Hot-rolled Transformer Steel. (Vliyaniye temperatury otzhiga na magnitnyye svoystva goryachekatanov transformatornykh stali).

PERIODICAL: Sb. nauchn. tr. Kuybyshevsk. industr. in-ta. Mekhanika. 1958. Nr 7, pp 159-168.

ABSTRACT: Investigations were carried out in order to evaluate the effect of annealing temperatures ranging from 750 to 1200°C, with a soaking period of 4-8 hours, on the magnetic properties of a series of hot-rolled transformer steels. It was established that a high-temperature anneal introduces an anomaly into the shape of the magnetization curves in regions corresponding to strong (greater than 5-15 oersted) and medium magnetic fields (0.2-0.5 amp-turns/cm). A number of magnetic characteristics are presented graphically as a function of the annealing temperature, and practical indications are given for the manufacture of transformer steel possessing an increased permeability in weak and medium fields (E45, E46, E47 and E48 grades).

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M. Ch.

SOV/129-59-5-5/17

AUTHOR: Cand. Tech. Sci. B.F. Trakhtenberg

TITLE: Critical Reduction of Dynamo Steel (Kriticheskiye obzhatiya dinamnoy stali)

PERIODICAL: Metallovedeniye i Termicheskaya Obrabotka Metallov, 1959, Nr 5, pp 24-28 (USSR)

ABSTRACT: In earlier work the author of this paper established (Ref 2) that transformer steel has a critical range of deformation corresponding to a reduction by 4 to 8%. After applying critical magnitudes of reduction and a low temperature recrystallization annealing, the grain size of transformer steel increases to about double and the total specific losses ($P_{15/50}$) decrease by 0.15 to 0.25 W/kg. Furthermore, the author established (Refs 2,3) that after critical reductions the magnetic induction of transformer steel drops by 1 to 3% in the range of strong fields (200 to 400 Gauss). An analysis of the recrystallization texture and of the magnetic anisotropy has shown that changes in the magnetic properties after critical reductions are associated solely with grain growth. Due to brittleness, under industrial conditions

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Critical Reduction of Dynamo Steel

only on heating the metal to 450 to 550°C, i.e. by semi-cold rolling. In this paper investigations are described which were carried out by means of dynamo steel from a normal production batch with a thickness of 0.5 mm and a Si content of 1 to 1.5%. The steel was produced in open-hearth furnaces; the reduction in the cold state varied between 2 and 15%. (The experiments were carried out at the Verkh-Isetskii Works jointly with F. A. Vydrin and F.A. Radin). In Fig 1 the influence is graphed of the degree of deformation in the cold state on the magnetic properties and on the grain size of the dynamo steel. In Fig 2 the microstructure is graphed of dynamo steel which passed through various variants of processing. In Fig 3 the changes are entered in the specific losses and the magnetic induction as a function of the angle of cutting of the specimens relative to the direction of rolling. In Table 1 data are entered on the influence of slight degrees of reduction in the cold state on the magnetic properties of the grain size of dynamo steel. On the basis of the obtained results the following conclusions are arrived at: 1) Dynamo steel has a critical range of

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Critical Reduction of Dynamo Steel

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deformations which corresponds to a relative reduction of 2 to 8%. After critical reductions the dynamo steel has a coarse grain structure (20 to 90 grains per mm^2), and as a result of this the specific losses are reduced by 10 to 14%. 2) The slight decrease in the magnetic induction in the range of intensive fields after critical reductions (averaging 2%) is compensated by an increase in the filling coefficient of the sheet from 88 to 90% (in the hot rolled state) to 96 - 97%. 3) The use of critical reductions of dynamo steel does not involve any technological difficulty and is recommended for improving the properties of the material.

Card 3/3

There are 3 figures, 1 table and 5 Soviet references.

ASSOCIATION: Kuybyshevskiy Industrial'nyy Institut (Kuybyshev Industrial Institute)

TRAKHTENBERG, B.F.

Selecting a temperature range for the forging and die stamping of
carbon steels. Kuz.-shtam. proizv. 2 no.5:21-26 My '60. (MIRA 14:3)

(Forging)

(Sheet-metal work)

RUTNER, Ya.F., inzh.; SILIN, M.L., inzh.; TRAKHTENBERG, B.F., kand.tekhn.nauk

Simulation of temperature fields in axisymmetric sectional dies for
drop forging. Vest.mashinostr. 43 no.11:53-55 N 63. (MIRA 17:2)

FYT'YEV, Petr Yakovlevich; TRAKHTENBERG, B.F., kand. tekhn. nauk,
dots., retsenzent; RAZUMIKHIN, M.I., kand. tekhn. nauk,
prof., red.; TURSKIY, F.V., red.; MIKHEYEV, N.I., red.;
VAKULOVSKAYA, T.N., tekhn. red.

[Simplified sheet bolster plate for cold die stamping]
Listovye uproshchennye podkladnye shtampy dlia kholodnoi
shtampovki. Kuibyshev, Kuibyshevskoe knizhnoe izd-vo,
1963. 133 p. (MIRA 17:2)

TRAKTENBERG, B.F.; RUCHER, Ya.F.

Analysis of thermal processes in swages during forging.
Inzh.-fiz. zhur. 6 no.7:113-120 J1 '63. (1963)

1. Industrial'nyy institut imeni V.V.Kuybysheva, Kuybyshev.
(Forging) (Thermal analysis)

U/ASD PR-4 JD/EA
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3-120

id heating.

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is a general
of the
storming

EWP(k)/EWP(q)/EWT(m)/BDS

AFFTC/ASD Pf-4 JD/HW
S/0170/63/006/007/0113/0120

62
61

ABSTRACT NR: AP3004293

AUTHOR: Trakhtenberg, B. F.; Ratner, Ya. F.

TITLE: Analysis of heat processes in dies in hot stamping 16

SOURCE: Inzhenerno-fizicheskii zhurnal, v. 6, no. 7, 1963, 113-120

TOPIC TAGS: heat process, die, hot stamping, thermal wear, rapid heating, temperature field

ABSTRACT: The article discusses the heat analysis of hot stamping for axially symmetric dies of the type of bodies of rotation, shown the advisability of employing the method of instantaneous concentrated sources and offers a general solution of the temperature-field problem. The problems of increasing the stability of dies are acquiring over greater importance, as they predetermine in many ways the technico-economic efficiency of accurate die stamping. Investigations of the character and kinetics of the wear of dies for hot deformation and analysis of the conditions of operation permit one to conclude that the cycle of rapid heating and cooling is the leading cause of wear.

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ACCESSION RN: AP3004292

Experiments have established that with a mean die temperature of 300-400° C the peak temperature in the contact zone reaches 850-900° c, and the thermal wear of the tool is due to thermal fatigue and thermal processes proper. Hence it is important to make a quantity and time evaluation of the temperature fields in a cross-section of the die according to the technological and operational characteristics of the process, as well as of the design and material of the tool. The article discusses a part of these questions, being a first attempt at an analytical computation of temperature fields in dies. Topical headings are: 1) Heat analysis of the stamping cycle by stages (with two tables so entitled); 2) Evaluation of the order of capacity of sources; 3) change to an equivalent die. Orig. has 2 photos of a die, 3 diagrams, 2 tables and 7 numbered equations.

ASSOCIATION: Industrial'nyy institut imeni V. V. Kuybysheva, Kuybyshev
(Industrial Institute)

SUBMITTED: 02Mar63

DATE ACQ: 08Aug63

ENCL: 000

SUB CODE: PH

NO REF SOV: 003

OTHER: 000

Cord 2/2

TRAKHTENBERG, B.L., inzh.

Automatic rubberized centrifuges. Khim.mashinostr. no.3:41-
42 My-Je '63. (MIRA 16:11)

Country : USSR
Category : Human and Animal Physiology, Circulation
Abs. Jour. : Ref. Zhur. Biol., No. 2, 1959, No. 8024
Instit. : Vinnitsa Medical Institute
Title : Cardiovascular Function in Patients with the
Hallucinatory-Paranoid Form of Schizophrenia
according to the Data of Arterial Oscillometry.
Orig Pub. : Tr. Vinnitsk. med. in-ta, 1958, 15, No. 1, 169--
175
Abstract : no abstract

Card: 1/1

Catalytic conversion of allylcyclohexene, cyclohexylallene and cyclohexylallylene. R. Ya. Levina and D. M. Trakhtenberg. *J. Gen. Chem. (U. S. S. R.)* 6, 704-73 (1930).

(1930). (I. C. A. 19, 3314). $\text{CH}_2(\text{CH}_2)_3\text{CH}=\text{CH}_2$, $\text{CH}_2\text{CH}(\text{CH}_2)_3\text{CH}=\text{CH}_2$ (I), $\text{CH}_2(\text{CH}_2)_3\text{CH}=\text{CHCH}_2\text{CH}_2$ (II), and $\text{CH}_2(\text{CH}_2)_3\text{CHCH}_2\text{CH}=\text{CH}_2$ (III) conducted over Pt-C (30%) catalyst at 200-5° in a weak CO_2 current at a rate of 3-4 drops a min., are completely catalyzed into a mixt. of 65% PhPr and 35% propylcyclohexane (IV). Freed from PhPr with 7% fuming H_2SO_4 , washed, dried and

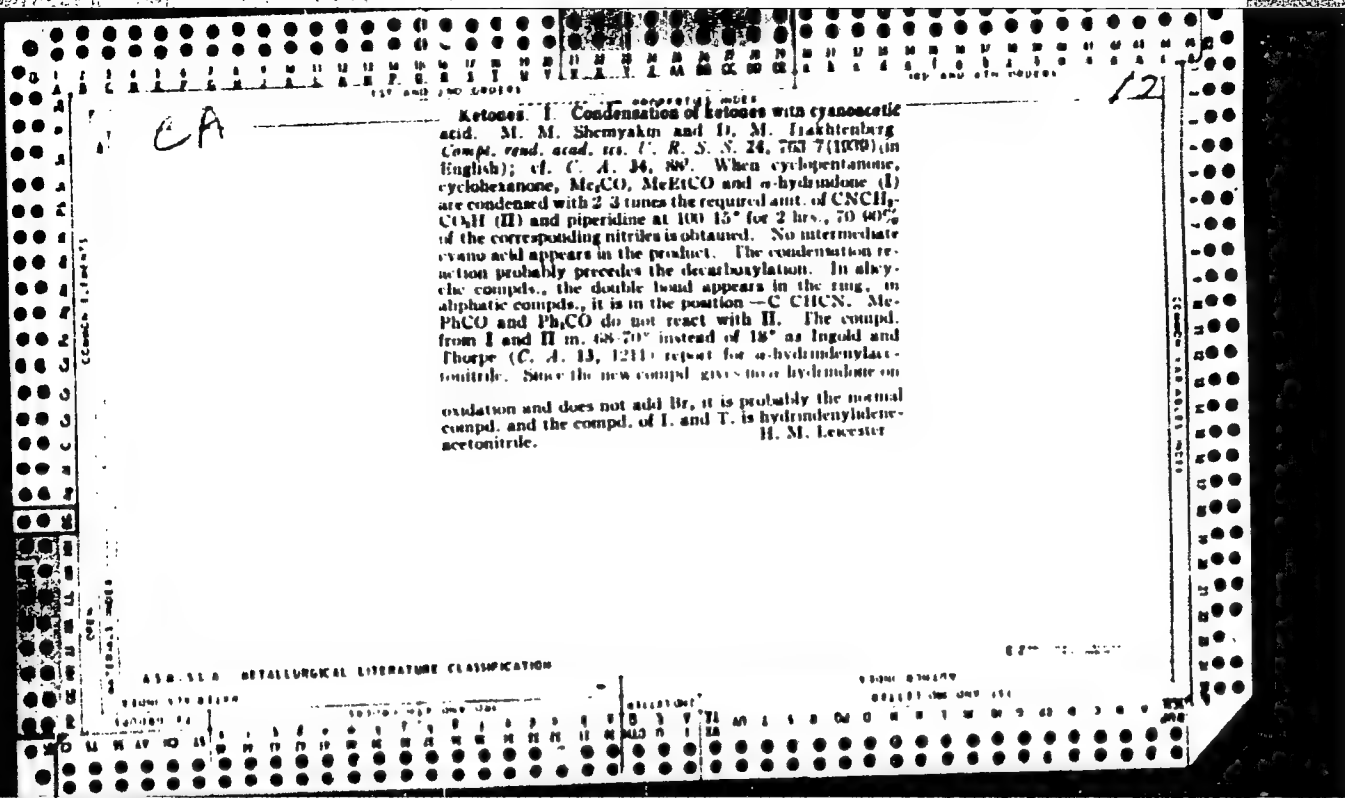
redist., IV has 153-4°, d_4^{20} 0.7971, n_D^{20} 1.4382, M. R. 41.51 (calcd. 41.50). Thus all 3 hydrocarbons with allene and acetylene side chains gave identical products of irreversible catalysis. The general scheme of conversion is: $3 \text{C}_8\text{H}_{14} \rightarrow \text{C}_8\text{H}_{16} + 2 \text{C}_8\text{H}_{16}$. The mechanism of conversion is explained by isomerization with transposition of the double bond into the ring. The intermediate cyclohexene or cyclohexadiene hydrocarbons immediately undergo irreversible catalysis. The cyclic hydrocarbons with an acetylene group in the side chain are first isomerized into the allene compounds, and then react as above. Allylcyclohexanol (V), b. 100-71°, d_4^{20} 0.8807, n_D^{20} 1.476, M. R. 42.52 (calcd. 42.62), was obtained in 31% yield by condensing cyclohexanone with $\text{CH}_2=\text{CHCH}_2\text{Cl}$ (VI) and Mg

(cf. Matznevich, C. A. 6, 890). V (20 g.) was twice redistd. with 10 g. of cryst. (C_6H_6) , under a dephlegmator at 100-30°. The distillate, after washing with H_2O and drying with CaCl_2 , was distd. over Na, giving 30% I, b. 158-9°, d_4^{20} 0.8426, n_D^{20} 1.477, M. R. 41.95 (calcd. 40.63). $\text{C}_8\text{H}_{14}\text{Cl}$, b. 141-3°, n_D^{20} 1.4572, resulted by heating concd. HCl with $\text{C}_8\text{H}_{14}\text{OH}$ (obtained by hydrogenation of PhOH in an autoclave in a pressure bottle at 105-10° (Markovnikov, Ann. 302, 11 (1860)). This, treated with VI and Mg and then redistd. over Na, gave $\text{C}_8\text{H}_{14}\text{CH}=\text{CH}_2$, b. 140-51°, d_4^{20} 0.8150, n_D^{20} 1.454, M. R. 41.2 (calcd. 41.00). This, treated with Br in Et_2O at 0° and redistd., gave $\text{C}_8\text{H}_{14}\text{CH}(\text{Br})\text{CH}_2\text{CH}_2\text{Br}$ (VII), b. 140-1°, b. 163°, d_4^{20} 1.5248, n_D^{20} 1.528, M. R. 57.35 (calcd. 57.00). VII (35 g.) in 35 cc. alc. and 70 g. KOH in 225 cc. alc., digested on a water bath, gave 27% III, b. 157-5-60°, d_4^{20} 0.8449, n_D^{20} 1.4605, M. R. 40.62 (calcd. for C_8H_{14} with a triple bond 39.50). The same procedure was followed for the prepn. of II, only the cleavage of 2 HBr from VII was effected not with alc. KOH but by distg. twice (35 g. VII with 150 g. quinoline (VIII) at 160-70°. The distillate was freed from VIII with (C_6H_6) , then washed, dried and redistd., giving II, b. 155-6°, d_4^{20} 0.8239, n_D^{20} 1.4658, M. R. 40.90 (calcd. for C_8H_{14} with 2 double bonds 40.63). Chas. Blanc

TRACHTENBERG, D.M.

"Sur la question du mecanisme de la catalyse irreversible des hydrocarbures cycliques non satures a liaison double et triple en dehors du cycle". Iewina, R.J., Petrow, D. A. et Trachtenberg, D.M. (p. 1496)

SO: Journal of General Chemistry (Zhurnal Obshchei Khimii) 1936, Vol. 6, No. 10



TRACHTENBERG, D. M.

"Investigation in the Series of Ketones. II. Condensation of Monoketones with Cyanoacetic Acid." Trachtenberg, D. M. and Shemyakin, M. M. (p. 480)

SO: Journal of General Chemistry (Zhurnal Obshchei Khimii) 1943, Volume 13, no. 6.

All-Union Sci. Expt. Res. on Text. Geol.
Recent Textile Inst

Ketone series III. Condensation of the esters of keto acids and diketones with cyanacetic acid. M. M. Shemyagin and D. M. Trakhtenberg. *J. Gen. Chem.* (U.S.S.R.) 19; 552 (1948) [English summary]; cf. C. A. 40, 3248^c. It is shown that esters of aliphatic α - and γ -keto acids and alkylic and aliphatic β -diketones condense with $\text{NCCl}_2\text{CO}_2\text{H}$, analogously to aliphatic and alkylic monoketones, with formation of the corresponding unsat. nitrides. Introduction of a Ph radical adjacent to the CO group hinders this reaction in mono- and diketones, β -ketonamides are also incapable of condensation. $\text{AcCH}_2\text{C}(=\text{O})\text{Et}$ (10 g.), 15 g. $\text{NCCl}_2\text{CO}_2\text{H}$ (I) and 1 cc. pyridine heated for 3 hrs. at 100–110°, then at 120–15° for 0.5 hr., gave 2 g. $\text{NCCl}_2\text{CMcCH}_2\text{C}(=\text{O})\text{Et}$, bp. 116–118°. Rt levulinate (5 g.), 0.75 g. I and 8.1 g. pyridine heated for 2.5 hrs. at 110–135°, then for 0.5 hr. at 120°, gave 1.6 g. $\text{NCCl}_2\text{CMcCH}_2\text{C}(=\text{O})\text{CH}_2\text{CH}_3$, bp. 130–140°. Dimedone (2 g.), 8 g. I and 7 cc. pyridine heated to 110–155° for 3 hrs., gave the dimitile $\text{C}_{10}\text{H}_{16}\text{N}_2$ m. 10–100° (dil. P.O.III). Phenylglucinal (1 g.), 0.3 g. I and 8 cc. pyridine heated for 2 hrs. at 115–125° gave 1.1 g. pink solid, m. 143–5° (decompn.), having the compn. C 50.1%, H 0.0%, N 12.1%; its structure has not been established. CH_3Ac (4.3 g.), 15.7 g. I and 10 cc. pyridine heated for 3 hrs. at 110–155° gave 1.5 g. of a yellow liquid, bp. 59–60°, contg. 22.7% N. Ethoxyacetylacetone (10 g.), 25 g. I and 22 cc. pyridine heated for 3.5 hrs. at 115–25° gave 1.6 g. of a product, bp. 50–60°, contg. 21.45% N. Similar reaction with quinoxime yielded only hydroquinone. O. M. Kozlovskii

С. М. Ковалев

BAYKINA, V.M.; ROZANOVA, T.Y.; TRAKHTENBERG, D.M.

Studies on the typical composition of erythromycin produced
by strain No. 2577 of *Actinomyces erythreus*. Antibiotiki 8
no.5:466-472 (MIRA 17:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov.

ROZENFEL'D, G.S.; ROSTOVTSEVA, L.I.; BAYKINA, V.M.; TRAKHTENBERG, D.M.
KHOKHLOV, A.S.. Pririmali uchastiye: LOKSHIN G.B.

Albonursin, a substance accompanying the antibiotics nystatin
and albofungin. Antibiotiki 8 no.3:201-207 Mr'63

(MIRA 17:4)

1. Vsesoyuznyy nauchno-issledovitel'skiy institut antibiotikov
i Institut khimii prirodnkh so'yedineniy AN SSSR.

TRAKHTENBERG, D.M., kandidat khimicheskikh nauk.

New works on the synthesis of penicillin. Antibiotiki 6 no.6:3-25 '53.

(MIRA 6:11)

(Penicillin)

TRAKHTENBERG, D.M.

New antibiotics: magnamycin, erythromycin and azacerin. Med.prom.
no.4:37-40 O-D '55. (MLRA 9:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov
(ANTIBIOTICS
magnamycin & azacerin, pharmacol.)
(ERYTHROMYCINE
pharmacol.)

TRAKHTENBERG, D.M., kandidat khimicheskikh nauk

Chemistry and technology of antibiotic production; secretion, purification and chemical nature of antibiotics of the erythromycin group, of magnamycin; review of foreign periodical literature. Antibiotiki 9 no.5:22-36 '56. (MIRA 9:10)

**(ERYTHROMYCIN, preparation of secretion, purification & chem. nature, review)
(CARBOMYCIN, prep. of same)**

BRINBERG, S.L.; TRAKHTENBERG, D.M.; SHORIN, V.

Second All Union Conference on Antibiotics. Antibiotiki 2 no.5:
54-62 8-0 '57. (MIRA 10:12)
(ANTIBIOTICS)

TRAKHTENBERG, D.M.

TRAKHTENBERG, D.M.; RODIONOVSKAYA, E.I.; GORDINA, Z.V.; SERGEYEVA, L.N.

Producing a crystal erythromycin base. Med.prom. 11 no.7:14-19
Jl '57. (MLRA 10:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov
(ERYTHROMYCIN)

BEAKER, Z.E., BEREZINA, Ye.K. VEYS, R.A., MILOVANOV, S.N., OSTROUKHOV, A.A.
RODIONOVSKAYA, E.I., TRAKHTENBERG, D.M., KHOZHLOV, A.S., CHAYKOVSKAYA, S.M.

Velutin, an antibiotic from the mold fungus *Aspergillus velutinus*.
[with summary in English]. Antibiotiki 3 no.4:104-105 J1-Ag '58
(MIRA 11:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov.
(ANTIBIOTICS)

TRAHTENBERG, D.M.; RODIONOVSKAYA, E.I.; BAYKINA, V.M.; KHOKHLOV, A.S.

Preliminary comparative data on the properties of antibiotics of the streptothricin group obtained from various types of actinomycetes [with summary in English]. Antibiotiki 3 no.6:36-41 N-D '58.
(MIRA 12:2)

- .1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov.
(ANTIBIOTICS, effects,
streptothricin group of antibiotics obtained from
various strains of Actinomyces, comparison (Rus))

TRAKHTENBERG, D.M.; CHERENKOVA, L.V.; KHOKHLOV, A.S.

Isolation and properties of the antiviral antibiotic violarin.

Antibiotiki 4 no.5:7-11 S-O '59.

(MIRA 13:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov.
(ANTIBIOTICS chem.)

TRAKHTENBERG, D.M.; RODIONOVSKAYA, E.I.; KLEYNER, G.I.; SHTAMER, V.Ya.

Study of some physicochemical properties of oleandomycin. Antibiotiki 10 no.11:982-989 N '65. (MIRA 19:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov, Moskva, i Rizhskiy zavod medpreparatov. Submitted January 16, 1965.

SULIMOV, A.D.; KOZHINA, I.N.; TRAKHTENBERG, D.M.

Production of naphthalene from petroleum raw stock. Khim. i
tekh.topl. i masel 10 no.1:17-20 Ja '65.

(MIRA 18:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut po pererabotke
nefti i gaza i polucheniya iskusstvennogo zhiznennogo topliva.

TRAKHTENBERG, D.M.; KAN, A.M.

Isolation of the antibiotic phyto bacteriomycin by the ion-exchange
method and studies on its properties. Antibiotiki 10 no.1:38-43
Ja '65. (MIRA 18:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov,
Moskva.

YERMOL'YEVA, Z.V.; TRAKHTENBERG, D.M.; BONDARENKO, B.N.

Isolation and characteristics of prodigiosin from *Bacterium prodigiosum* in submerged cultures. Antibiotiki 9 no.5:397-403 My '64. (MIRA 18:2)

1. Tsentral'nyy institut usovershenstvovaniya vrachey i Vsesoyuznyy nauchno-issledovatel'skiy antibiotikov, Moskva.

SOLOV'YENKO, N.P.; TAYG, D.M.; TRAKHTENBERG, D.M.; BERLIN, L.M.; KATKIN, N.A.

Characteristics of the organism producing the antiviral antibiotic
vaccinocidin, its isolation and properties. Antibiotiki 9 no.7:596-
602 J1 '64. (MIRA 18:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov, Moskva.

TRAKHTENBERG, D.M.; BIRLOVA, L.V.; BLINOV, N.O.; ROZANOVA, T.N.

Isolation and properties of some antibiotics-pigments from a
culture fluid of strain No. 2844-31 of Act. prunicolor.
Antibiotiki 7 no.9:776-783 S '62. (MIRA 15:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov.
(ANTIBIOTICS)(ACTINOMYCES)

TRAKHTENBERG, D.M.____

"Chemistry of antibiotics" by M.M.Shemiakin and others. Vols. 1 and
2. Reviewed by D.Y Trakhtenberg. Antibiotiki 7 no.8:765-766 Ag '62.
(MIRA 15:9)

(ANTIBIOTICS)

BAYKINA, V.M.; BIRLOVA, L.V.; TRAKHTENBERG, D.M.

Comparative study by the method of counterflow distribution of the composition of the antibiotic, Violarin "A" and of the Actinomyces strains No. 452-7 and 12-12. Antibiotiki 7 no.8:698-702 Ag '62.
(MIRA 15:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov.
(ANTIBIOTICS) (ACTINOMYCES)

TRAKHTENBERG, D.M.; BIRLOVA, L.V.; BAYKINA, V.M.

Isolation and properties of an antiviral antibiotic, violarine
B. Antibiotiki 6 no.7:603-609 JI '61. (MIRA 15:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov.
(ANTIBIOTICS)

SEMENOVA, V.A.; SOLOV'YEVA, N.K.; RUYKOVSKAYA, I.S.; DEITRIYEVA, V.S.;
TRAKHTENBERG, D.M.; RODIONOVSKAYA, E.I.; CHERENKOVA, L.V.;
KHOKHLOV, A.S.; BYCHKOVA, M.M.; GINZBURG, G.N.

Antibiotic phytobacteriomycin, effective in controlling bacteriosis
in plants. Trudy Vses. inst. sel'khoz. mikrobiol. 17:131-139 '60.
(MIRA 15:3)

(Antibiotics) (Bacteria, Phytopathogenic)

TRAKHTENBERG, D.M.; RODIONOVSKAYA, E.I.

Production and properties of certain derivatives of erythromycin.
Antibiotiki 5 no.3:22-24 My-Je '60. (MIRA 14:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov.
(ERYTHROMYCIN)

KLEYNER, G.I.; IONOVA, N.V.; TRAKHTENBERG, D.M.; ROSTOVTSEVA, L.I.

Isolation and studies on highly purified nystatin preparations.
Antibiotiki 6 no.3:200-203 Mr '61. (MIRA 14:5)

1. Rizhskiy zavod medpreparatov (for Kleyner, Ionova).
2. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov (for Trakhtenberg, Rostovtseva).
(MYCOSTATIN)

TRAKHTENBERG, D.M.; RODIONOVSKAYA, E.I.; GORDINA, Z.V.; ROSTOVTSOVA,
L.I.; KLEYNER, G.I.; NAGLE, A.M.

Studies on the properties and chemical purification of nystatin.
Antibiotiki 5 no. 5:9-14 S-0 '60. (MIRA 13:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov
(for Trakhtenberg, Rodionovskaya, Gordina and Rostovtseva).
2. Rizhskiy zavod meditsinskikh preparatov (for Kleyner and Nagle).
(NYSTATIN)

TRAKHTENBERG, D.M.; RODIONOVSKAYA, E.I.; GORDINA, Z.V.; ROSTOVTSEVA, L.I.;
KLEYNER, G.I.; NAGLE, A.M.; LAZDYNYA, V.Ya.

Isolation and chemical purification of nystatin. Part 1: Isolation
of nystatin from moist mycelium. Med. prom. 14 no.8:18-23 Ag '60.
(MIRA 13:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov i
Rizhskiy zavod meditsinskikh preparatov.
(MYCOSTATIN)

TRAKHTENBERG, D. M., BRINBERG, S. L. (USSR)

"Influence of Phosphorus on the Biosynthesis of Erythromycin."

Report presented at the 5th International Biochemistry Congress, Moscow,
10-16 August 1961

PETROVA, A.F.; KHALILI, N.A.; SHTAMM, L.K.; TRAKHTENBERG, D.M.; RODIONOVSKAYA,
E.I.; GORDINA, Z.V.

Extraction of a crystalline erythromycin base from aqueous solutions.
Med. prom. 14 no.9:32-36 S '60. (MIRA 13:9)

1. Sverdlovskiy zavod meditsinskikh preparatov i Vsesoyuznyy nauchno-
issledovatel'skiy institut antibiotikov.
(ERYTHROMYCIN)

The applicability of the theory of Debye and Hückel to non-aqueous solutions. A. I. Brodskii and P. I. Trakhtenberg. *Comp. rend. acad. Sci. (U. S. S. R.)* [N. S.] 1971, 207-7 (the German 492-3) (1974). - The activity coeff. of LiCl in *iso*-AmOH, found from the distribution coeff. of LiCl between H₂O and *iso*-AmOH in the range 0.6-0.15 M/100 g. of H₂O min., agrees with the value given by the Debye-Hückel theory. Louis Goldman

Louis Goldmann

1ST AND 2ND ORDER										PROCESSES AND PROPERTIES INDEX										3RD AND 4TH ORDER									
<div style="position: relative; height: 100%;"> BC B-I-10 <p style="margin-top: 100px; margin-left: 20%;"> Magnesia - patty for porcelain insulators. M. A. TRAMERMAN (Nov. Tech. Magazine, 1925; No. 54, 14-16). The patty consists of MgO 26, eq. MgCl₂ (d 1-30) 44; powdered portland (300-mesh) 24 pts. It must be used within 2 hr. of mixing and hardens in 2-3 hr. The surface should be varnished. <div style="text-align: right; margin-right: 50px;">Ct. A-4 [1]</div> </p> </div>																													
ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION																													
FROM DIVISION										TO SOURCE										BY DATE									
SUBJECT										AUTHOR										TITLE									

1ST AND 2ND CODES										PROCESSES AND PROPERTIES INDEX										1ST AND 2ND CODES									
<p>Activity of solutions of lithium chloride in isoamyl alco- <i>hol.</i> P. L. Trakhtenberg and A. I. Brusilskii. <i>J. Phys.</i> <i>(Chem. (U. S. S. R.))</i> 16, 725-30 (1967). Data are given on the distribution coeff. for LiCl between water and iso-</p> <p>AmOH at concns. of LiCl in H₂O from 0.0004 up to 0.08 <i>N.</i> Throughout this range, for $t = 25^\circ$, the ratio of the concns. in H₂O and iso-AmOH is $1:311 \pm 12$. It is con- cluded that in iso-AmOH, LiCl mols. are practically com- pletely dissociated into ions. Up to 0.03 <i>N</i> the Debye- Huckel formula assuming a radius of 6 Å. gives excellent results, while the Grahm formula with $r = 10$ Å. holds up to 0.04 <i>N</i>, with excellent agreement for the lower concns. in both cases. P. H. Rathmann</p>																													
<p>ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION</p>																													

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001756420018-7

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001756420018-7"

137 AND 138 (1953) 139 AND 140 (1953)

PROCESSES AND PROPERTIES INDEX

2

Activity of solutions of lithium chloride in isononyl alcohol. F. L. Trakhtenberg and A. I. Brodskii. *Acta Physicochim. U. R. S. S.* 8, 227-35 (1958) (in French). See C. A. 52, 5653. K. J. C.

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

137 AND 138 (1953) 139 AND 140 (1953)

137 AND 138 (1953) 139 AND 140 (1953)

137 AND 139 000(1)		130 AND 131 000(1)	
PROCEDURES AND PROPERTIES INDEX			
Ca		2	
<p>Potential of lithium amalgam and the activity of lithium ions in isocamyl alcohol. P. I. Trakhtenberg. <i>J. Phys. Chem.</i> (U. S. S. R.) 13, 800-8(1930); cf. C. A. 32, 61837. —Mapl. data are given for the cell $\text{Li} \text{LiCl} \text{AgCl} \text{Ag}$ in isocamyl alc. at 25°, for concns. of LiCl from 0.013 to 0.50 M. The cell behaves normally, i. e., LiCl in isocamyl alc. is completely dissociated. The zero potential is 1.800 ± 0.005 v. Some log γ values are -0.368, -0.440, -0.628, -1.068 and -1.325 for $m = 0.00378$, 0.00800, 0.0102, 0.534 and 0.1909, resp. The Debye-Hückel law holds with $D = 12.9$; for \sqrt{m} less than 0.1, the second approximation also holds. The av. ionic radius is 1.72 Å. F. H. Rathmann</p>			
Inst-Phys Chem-P. Pisarevskiy, AS Ukr SSR, Dnepropetrovsk			
ASM-ELA METALLURGICAL LITERATURE CLASSIFICATION		FROM SOURCE	
137 AND 139 000(1)		130 AND 131 000(1)	

C.A.

Determination of the dissociation constants of barium ethyl phosphate, $\text{BaC}_2\text{H}_5\text{PO}_4$. E. I. Trakhtenberg (Med. Inst., Dnepropetrovsk). *Zhur. Fiz. Khim.* 24, 871-4 (1950).— BaEtPO_4 (I) does not completely dissociate, and the \log of the dissociation constant is -2.75 . The Et group does not show a positive effect on the dissociation of I. The mobility of the EtPO_4^{2-} ion is $59.30 \Omega^{-1} \text{ cm}^2$. Paul W. Howerton

✓ The dissociation of the magnesium and calcium salts of phosphoric esters. P. I. Trakhtenberg and H. I. ... skaya (S. I. M. G. ... Zhur. 20, 243-6 (1954).--Dissociation constants were detd. for the Mg and Ca salts of the phosphoric acid esters, ethyl phosphate and glycerophosphate. MgH_2PO_4 , CaH_2PO_4 , and $Ca(C_2H_5O)_2HPO_4$ are not completely dissociated in H_2O . The Mg salt dissociates less than the Ca salt owing to its smaller radius.

J. Rovtar Leach

(1)

Jan

5(3),5(2)

AUTHORS:

Ryss, I. G., Trakhtenberg, F. I.

SOV/78-4-6-36/44

TITLE:

The Hydrofluorides of Aniline (Gidroftoridy anilina)

PERIODICAL:

Zhurnal neorganicheskoy khimii, 1959, Vol 4, Nr 6,
pp 1431 - 1436 (USSR)

ABSTRACT:

The solubility of the hydrofluorides of aniline was investigated in hydrofluoric acid at 0° and 20° and the results are given in table 1. The phases $[C_6H_5NH_3]F \cdot H_2O$ and $[C_6H_5NH_3]HF_2$ were determined. The "eutonic" solution contains at 0° 12.11% $[C_6H_5NH_3]F$ and 43.89% $[C_6H_5NH_3]HF_2$. The compound does not pass over into polyhydrofluoride at -18° in the case of an increase of the HF-concentration up to 52%. The dissociation degree of aniline fluoride was calculated at 0°. The compounds $C_6H_5NH_2 \cdot 3HF \cdot 0.5H_2O$ (Ref 1) and $C_6H_5NH_2 \cdot 4HF$ (Ref 3) described in the publications are probably hexafluoro-silicates of aniline. There are 1 figure, 1 table, and 7 references, 4 of which are Soviet.

SUBMITTED:
Card 1/1

March 25, 1958

TRAKHTENBERG, F. M.
TRAKHTENBERG, F.M.

Effect of the auto-demagnetization process on the value of residual induction in a sinusoidally and longitudinally magnetized ferro-magnetic sound carrier. Trudy Kom. po akust. no.5:67-82 '50. (MLRA 7:7)
(Magnetic recorders and recording)

DOMRACHEV, N., otv. red.; PITIRIMOV, V., red. • BELYAYEV, G.,
red.; BIRYUKOV, G., red.; RUMYANTSEVA, V., red.;
SLODYANNIKOV, A., red.; TRAKHTENBERG, G., red.

[Give way to the new and the advanced] Dorogu novomu,
peredovomu. Kirov, Izd-vo "Kirovskaya Pravda, 1961. 58 p.
(MIRA 18:3)

1. Obshchestvo po rasprostraneniyu politicheskikh i nauch-
nykh znaniy RSFSR. Kirovskoye oblastnoye otdeleniye.

TRAHTENBERG, G., kand.tekhn.nauk

Consumer demand and orders placed with industry. Sov. torg. 34
no.8:16-19 Ag '61. (MIRA 14:6)

(Marketing research)

TRAKHTENBERG, U.

improve the organization of the clothing trade. Sov. torg. 33
no.6:3-8 Je '59. (MIRA 12:8)
(Clothing industry)

TRAKHTENBERG, Grigoriy Lazarevich; SEREBRYAKOV, S.V., red.

[Methods of studying consumer demand for industrial goods] Metody
izucheniia pokupatel'skogo sprosa na promyshlennyye tovary, pod
red. S.V.Serebryakova. Moskva, Gos.izd-vo trgovoy lit-ry, 1957.
126 p. (MIRA 12:4)

(Russia--Manufactures)

TRAKTENBERG, G.

Methods of organizing orders. Sov.torg. no.6:16-22 Je '57.
(VLRA 10:8)

(Retail trade)

YERMAK, I.I.; TRAKHTENBERG, G.Kh.

Continuous lines for manufacturing parts of cutting chains.
Mekh.i avtom.proizv. 14 no.9:26-29 S '60. (MIRA 13:9)
(Automatic machinery)

TRAKHTEMBERG, G. KH.

Novyi standart po tekhnike bezopasnosti (Abrazivnyi instrument. Pravila i normy bezopasnosti) (Vestn. Mash., no. 3, p. 57-61)

New standard for accident prevention (Abrasive instrument. Safety regulations and norms)

ILC: TTh.Vh

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of Congress, 1953.

TRAKHTENBERG, G. Kh.

"Investigation of Some Problems of Machining Precision in a Machine Building Plant." Sub 1 Jun 51, Moscow Engineering Economics Inst imeni Sergo Orizhonikidze

Dissertations presented for science and engineering degrees in Moscow during 1951.

SO: Sum. No. 480, 9 May 55

GORDON, V.O., professor; TRAKHTENBERG, G.Kh., inzhener.

New standards for mechanical drawings used in machinery design.
Vest.mash. 27 no.7:68-72 J1 '47. (MLBA 9:4)
(Mechanical drawing--Standards) (Machinery--Design)

TRAKHTENBERG, G.Kh., inzhener.

Tolerances and reserves in production. Vest.mash.34 no.4:29-34 Ap '54.
(MLRA 7:5)
(Tolerance (Engineering))

GRINGAUZ, Klara Il'inichna; SABLINA, Tamara Nikolayevna; TRAKHTENBERG,
G.L., otv.red.; GLAZUNOVA, V.V., red.; MEDRISH, D.M., tekhn.red.

[Study of the consumers' demand for fabrics; based on practices
of the Moscow Province Trade Center for Cotton and Linen Goods
of the Main Administration for the Textile Trade] Izucheniye poku-
patel'skogo spros na tkani; iz opyta raboty Moskovskoi oblastnoi
torgovoi bazy khlochatobumazhnykh i l'nianyykh tovarov Glavtekstil'-
torga. Moskva, Gos.izd-vo torg.lit-ry, 1957. 38 p.

(MIRA 13:11)

(Consumers' preferences) (Textile industry)

BIBIN, Leonid Pavlovich; VARFOLOMEYEV, F.G.; KALGANOV, D.I.; OSTANOVSKIY, T.S.; PUSHKIN, V.S.; TRAKHTENBERG, G.L.; MAKSIMOVICH, A.G., red.; SUDAK, D.M., tekhn.red.

[School and office supplies, musical instruments, photographic supplies, radio equipment, athletic goods, hunting and fishing equipment, toys] Tovary shkol'no-pis'mennye, kantseliarskie, muzykal'-nye, foto, radio, sportivnye, okhotnich'i, rybolovnye, igrushki. Moskva, Gos. izd-vo torg. lit'-ry, 1958. 328 p. (MIRA 11:4)
(Manufactures)

TRAKHTENBERG, G.M., inzh.

Using a pendulum as slip angle transmitter at lateral motion
of airplanes in a horizontal plane. Nauch.dokl.vys.shkoly;
mash.i prib. no.1:236-247 ' 58. (MIRA 12:1)

1. Predstavleno kafedroy "Giroskopicheskiye pribory i ustroy-
stva" Moskovskogo vysshego tekhnicheskogo uchilishcha imeni
N.E. Baumana.

(Automatic pilot (Airplanes))

TRAKHTENBERG, G.M.

Equations of the motion of the flight control system of an
airplane: servomotor-galvanometer-servo. (av. vys. ucheb. zad. i
av. tekhn. 7 no. 132-39 '64 (MIRA 1821)

L 31895-66 EWT(c)/EWT(m)/EWP(v)/EWP(k)/I-2 IJP(c) EM/BC

ACC NR: AP6011788

SOURCE CODE: UR/0147/66/000/001/0080/0089

AUTHOR: Trakhtenberg, G. M.

ORG: none

TITLE: Equation of motion for aircraft rudders controlled by an electric pulsed autopilot with direct feedback

SOURCE: IVUZ. Aviatsionnaya tekhnika, no. 1, 1966, 80-89

TOPIC TAGS: aircraft; automatic pilot, flight control system, servomechanism, aircraft elevator, rudder

ABSTRACT: The author studies the use of electric autopilots working under pulsed conditions in automatic flight control systems. This type of autopilot has three electric servomechanisms serving as output units. The servomechanisms control the ailerons, direction and altitude. Transducer voltage signals are fed into an amplifier and the amplifier transmits pulsed dc signals with a given frequency to the servomechanisms. The servomechanism output shaft is engaged or disengaged by solenoids. A unidirectional continuous rotation dc motor is used for starting the servomechanisms. The power of the motor is transmitted by a drum with a special transmission mechanism. Equations of motion are presented for ailerons under autopilot control. Curves are given for: the

UDC: 629.13.01.014.5

Card 1/2

L 31895-66

ACC NR: AP6011789

performance of the servomechanism where torque is a function of drum rotation, steering system deviation during one pulse period, angular velocity of the ailerons as a function of stress and their deflection, and the stresses in the autopilot amplifiers as a function of the angles of deviation for servomechanism drums. Linear equations are given for analyzing the dynamics of an aircraft control system for the case when the required angles of deviation for the rudder are not great and where the maximum possible angles in terms of servomechanism power are 3 to 4 times greater than those required. The turning rate of the rudder depends on the input signal and not on deviation. Non-linear equations are given for analyzing the dynamics of an aircraft control system for the case when the maximum rudder deviations determined by the power of the servomechanisms are not significant and are equal to the required angles. Orig. art. has: 8 figures, 15 formulas.

SUB CODE: 20.01/ SUBM DATE: 07Sep64/ ORIG REF: 001

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... THE ... IN THE CASE, THE ... MAKES USE OF ...

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001756420018-7"

TRAKHTENBERG, I.

Organizing physical training activities during the rest period
in industry. Sots.trud no.3:64-71 Mr '58.

(MIRA 13:3)

(Industrial hygiene)

(Physical education and training)

TRAKHTENBERG, I., dotsent, kandidat meditsinskikh nauk (Kiyev).

Active recreation. Nauka i zhizn' 23 no.10:23-24 0 '56. (MLRA 9:11)

(Exercise)

TRAKHTENBERG, I.

Technological aesthetics and improving production conditions. Sots.
trud 8 no.3:57-61 Mr '63. (MIRA 16:3)
(Industrial plants—Design and construction)
(Machinery industry—Hygienic aspects)

TOPIC TAGS: plastic coating, polyvinylbutyral, metal coating, liquidized deg

liquidized bath (1) which can have various states, depending on the parts to be

Card 1/3

"APPROVED FOR RELEASE: 04/03/2001

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CIA-RDP86-00513R001756420018-7

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001756420018-7"

TRAKHTENBERG, Iosif Adol'fovich, 1883

The financial results of war; the inflation problem Moskva, Gosfinizdat, 1946.
103 p. (49-44336)

HG255.T7

TRAKHTENBERG, T. A.

5/5
7/2
.7

Kreditno-denezhnaya sistema kapitalizma posle vtoroy mirovoy voyny (The credit-financial system of capitalism after World War II) Moskva, Akademkniga, 1954.

185 p. tables.

At head of title: Akademiya Nauk SSSR. Institut Ekonomiki.

MENDEL'SON, Lev Abramovich; VARGA, Ye.S., akademik, red.; TRAKHTENBERG,
I.A., akademik, red.; ARZUMANYAN, A.A., red.; MAKAROV, V., red.;
MOSKVIHA, R., tekhn.red.

[Theory and history of economic crisis and cycles] Teoriia i
istoriia ekonomicheskikh krizisov i tsiklov. [Second enlarged and
revised edition of a book "Economic crisis and cycles of the 19th
century"] Izd.2., perer. i dop. knigi "Ekonomicheskie krizisy i
tsikly XIX veka." Moskva, Izd-vo sotsial'no-ekon.lit-ry, 1959.
766 p. (MIRA 13:4)

1. Chlen-korrespondent AN SSSR (for Arzumanyan).
(Business cycles)

TRAKHTENBERG, Iosif Adol'fovich, akademik; ANIKIN, A.V., kand. ekon. nauk,
otv. red.; ARZUMANYAN, A.A., akademik, red.; BRETEL', E.Ya.,
doktor ekon. nauk, red.; KRONROD, Ya.A., doktor ekon. nauk, red.;
MENDEL'SON, L.A., doktor ekon. nauk, red.[deceased]; SHENAYEV,
V.N., kand. ekon. nauk, red.; KOLOSOVA, T.A., mladshiy nauchnyy
sotr., red.; TOVMOSYAN, M.Ye., red.isd-va; KASHINA, P.S., tekhn.
red.

[Monetary crises, 1821-1938] Denezhnye krizisy, 1821-1938 gg.
Moskva, Izd-vo Akad.nauk SSSR, 1963. 730 p. (MIRA 16:3)
(Money)

TRAKHTENBERG, Iosif Adol'fovich, akademik; ARZUMANYAN, A.A., red.;
BREGEL', E.Ya., doktor ekon. nauk, red.; KRONROD, Ya.A.,
doktor ekon. nauk, red.; MENDEL'SON, L.A., doktor ekon. nauk,
red.; ANIKIN, A.V., kand. ekon. nauk, red.; SHENAYEV, V.N.,
kand. ekon. nauk, red.; KOLOSOVA, T.A., red.; BAKOVETSKAYA,
V.S., red. izd-va; NOVICHKOVA, N.D., tekhn. red.; ZUDINA,
V.I., tekhn. red.

[Currency circulation and credit under capitalism] Denezhnoe
obrashchenie i kredit pri kapitalizme. Moskva, Izd-vo Akad.
nauk SSSR, 1962. 779 p. (MIRA 15:9)

1. Chlen-korrespondent Akademii nauk SSSR (for Arzumanyan).
(Finance)

TRAKHTENBERG, I.M.; SAVITSKIY, I.V.

Experimental data on Sechenov's phenomenon in dynamic work. Report no.2: Modifications of working capacity following prolonged muscular activity with passive and active intervals [with summary in English]. Biul.eksp.biol. i med. 43 no.1:28-31 Ja '57. (MIRA 10:8)

1. Iz kafedry gigiyeny truda Kiyevskogo meditsinskogo instituta. Predstavlena deystvitel'nym chlenom AMN SSSR prof. N.N.Gorevym.

(EXERCISE, effects,

working capacity after prolonged musc. activity with passive & active rest periods (Rus))

(REST,

same)

MILOSLAVSKIY, A.I., inzhener; TRAKHTENBERG, I.M., inzhener

Experience in working soils in winter. Mekh.stroi.12 no.11:23-
24 N'55. (MLRA 9:1)

(Frozen ground)

TRAKHTENBERG, I. M.

Medved', L. I. and Trakhtenberg, I. M. "Experimental data on the toxicology of organic mercury compounds", Vracheb. delo, 1949, No. 4, paragraphs 339-44.

SO: U-4392, 19 August 53, (Letovis 'Zhurnal 'nykh Statey, No 21, 1949).

TRAKHTENBERG, I. M.
CA

Toxicity of vapors of organic compounds of mercury (ethyl mercuric phosphate and chloride) in acute and chronic intoxications. I. M. Trakhtenberg (Kiev Med. Inst.) *Gigiena i Sanit.* 1950, No. 6, 17-19. Acute and chronic toxicities of ethyl mercuric phosphate (I) and ethyl mercuric chloride (II), aq. solns. of which are being widely used in Soviet agriculture under the names of NITROF-I and Granozan, resp., were detd. on white mice by the vapor technique. Acute poisoning is characterized by respiratory symptoms, and nervous ones to a lesser extent; in chronic cases, attack on the central nervous system prevails. The vapors of I and II are more toxic than metallic Hg, and the results indicate that for safe human working conditions even traces (0.0001 mg/l) should not be tolerated. Exposures to 0.01-0.03 mg/l caused death in mice within the expd. period of 3-5 hrs. G. M. K.

TRAKHTENBERG, I.M.; SAVYTS'KIY, I.V.

Characteristics of active relaxation during dynamic work. Fiziol.
zhur. (Ukr.) 1 no.1:76-82 Ja-F '55. (MIRA 9:9)

1. Kiivs'kiy medichniy institut imeni akademika O.O.Bogomol'tsya,
Kafedra gigiyeni pratsi.
(REST); (FATIGUE) (INHIBITION) (MUSCLES)

SHAKHBAZIAN, G.Kh., professor, doktor meditsinskikh nauk; TRAKHTENBERG, I.M.,
dotsent, kandidat meditsinskikh nauk

Review of O.F.Makarchenko's monograph on "Changes in the nervous
system and characteristic of the higher nervous activity in manganese
poisoning." Fiziol.zhur. [Ukr.] 2 no.5:131-134 S-O '56. (MLRA 10:1)
(MANGANESE--TOXICOLOGY) (NERVOUS SYSTEM--DISEASES)

TRAKHTENBERG, I.M., dotsent

The Kiev chapter of the Society of Hygienists before the 13th
All-Union Congress of Hygienists, Epidemiologists and Specialists
in Infectious Diseases. Gig. i san. 21 no.6:82-85 Je '56. (MLBA 9:8)
(UKRAINE--PUBLIC HEALTH--SOCIETIES)

TRAKHTENBERG, I.M., dotsnet (Kiyev)

"Reference manual on sanitary legislation in the field of industrial, food, communal, and school hygiene" by M.IA. Suponitskii, B.L. Gordin, I.S. Kartelev. Edited by P.D. Leshchenko. Reviewed by I.M. Trakhtenberg. Vrach.delo no.6: 655-657 Je '60. (MIRA 13:7)
(PUBLIC HEALTH LAWS) (SUPONITSKII, M.IA.)
(GORDIN, B.L.) (KARTELEV, I.S.) (LESHCHENKO, P.D.)

TRAKHTENBERG, I.M., kand.med.nauk, dots.

How to prevent fatigue. Nauka i zhyttia 10 no.8:39-41 Ag '60.
(Fatigue) (MIRA 13:8)

LESHCHENKO, P.D., red.; KALYUZHNYI, D.N., red.; GRANDO, A.A., red.;
SHAKHBAYAN, G.Kh., red.; TRAKHTENBERG, I.M., red.; GITSHTEIN,
A.D., tekhn.red.

[Materials for a history of public health and sanitation in the
Ukrainian S.S.R.] Materialy k istorii gigieny i sanitarnogo
dela v USSR. Pod red. P.D.Leshchenko, D.N.Kaliuzhnogo i A.A.
Grando. Kiev, Gos.med.izd-vo USSR, 1959. 255 p. (MIRA 13:3)

1. Ukraine. Ministerstvo zdavookhraneniya.
(UKRAINE--PUBLIC HEALTH)

TRAKHTENBERG, I.M., dotsent; GUSLITS, I.G., nasluzhennyy vrach RSFSR;
PAUSTOVSKAYA, V.V., kand.med.nauk; VELICHKOVSKIY, A.V., inzh.

Hygienic evaluation of mechanized casting in shell molds. Gig. i san.
24 no.10:52056 '59. (MIRA 13:1)

1. Iz Kiyevskoy gorodskoy sanitarno-epidemiologicheskoy stantsii i
kafedry gigiyeny truda Kiyevskogo meditsinskogo instituta.
(AIR POLLUTION prev. & control)

TRAKTENBERG, I. M.; BURYI, V. S.; SAVITSKIY, I. V.

"Experience of toxicologo-hygienic evalation of some of the
presently used and newly introduced insectofungicides."

report submitted at the 13th All-Union Congress of Hygienists,
Epidemiologists and Infectionists, 1959.